

WHAT IS CLAIMED IS:

1                   1.       A method of reducing lung size of a lung, the method including the  
2 steps of:  
3                   inserting a conduit down a <sup>bronchus</sup> trachea, into a mainstem bronchus, into a bronchial  
4 branch, and into a bronchial sub-branch communicating with a lung portion of the lung to be  
5 reduced in size;  
6                   pulling a vacuum in the lung portion through the conduit to collapse the lung  
7 portion; and  
8                   deploying an obstructing member in the bronchial sub-branch to preclude air  
9 from being inhaled into the lung portion through the bronchial sub-branch.

1                   2.       The method of claim 1, wherein the deploying step includes feeding  
2 the obstructing member down the conduit and into the bronchial sub-branch.

1                   3.       A method for lung volume reduction, said method comprising:  
2 isolating a lung tissue segment;  
3 aspirating the isolated segment to cause the segment to collapse; and  
4 sealing an air passage which opens to the lung segment to inhibit reinflation of  
5 the segment.

1                   4.       The method of claim 3, wherein sealing comprises deploying a plug in  
2 the air passage.

1                   5.       The method of claim 4, wherein deploying comprises advancing the  
2 plug through a catheter to the air passage.